Attorney Docket No.: RA311 Express Mail No.: EU724892425 US

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post-office address, and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below), or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought by way of the application entitled:

matter which is c	nanned and for	which a patent is s	• • • • • • • • • • • • • • • • • • • •				
	"CAL)BRA	TION METHODS	AND CIRCUITS FOR	OPTIMIZEI	ON-DIE TERMI	NATION"	
which (check)	X is attached hereto. and is amended by the Preliminary Amendment attached hereto. was filed on, as Application Serial No and was amended on (if applicable).						
						uding the claims, as amended to patentability as defined in	
I hereby claim for or inventor's cer America listed to international app	oreign priority or rtificate, or an below, and had dication(s) desi	y PCT internations we also identified gnating at least on	e 35, United States Coc al application(s) design below any foreign ap	nating at lease plication(s) to the United Sta	st one country oth for patent or inve tes of America file	reign application(s) for patent er than the United States of ntor's certificate or an PCT d by me on the same subject	
APPLICATION NUMBER		COUNTRY	DAY/MONTH/	DAY/MONTH/YEAR FILED		PRIORITY CLAIMED UNDER 35 U.S.C. 119	
N/A			,			YES: NO:	
		, , , , , , , , , , , , , , , , , , ,			Yı	S;NO:	
Provisional App I hereby claim the below:		er Title 35, United	States Code Section 1	19(e) of any	United States pro	ovisional application(s) listed	
	APPLICATIO)		TON SERIAL NUMBER	SERIAL NUMBER FILING			
			N/A				
U.S. Priority Cla							
application(s) de application is not States Code Sect	ne benefit unde signating the U t disclosed in the ion 112, I acknowhich became a	Inited States of An he prior United State owledge the duty to	nerica listed below and ites application(s) in the o disclose material info	l, insofar as e manner pro ormation as d	the subject matter vided by the first efined in Title 37,	ation(s) or PCT international of each of the claims of this paragraph of Title 35, United Code of Federal Regulations, al or PCT international filing	
application(s) de application is not States Code Sect Section 1.56(a) v date of this applic	ne benefit unde signating the U t disclosed in the ion 112, I acknowhich became a	United States of An the prior United States owledge the duty to available between to	nerica listed below and ites application(s) in the o disclose material info	l, insofar as e manner pro ormation as d	the subject matter vided by the first efined in Title 37, n(s) and the nation	of each of the claims of this paragraph of Title 35, United Code of Federal Regulations,	
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Power of Attorney

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) listed below to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

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n and belief the like so such willful

are believed to be true; a made are punishable by f	and further that these statement fine or imprisonment, or both, t	own knowledge are true and that all statements made on information its were made with the knowledge that willful false statements and under Section 1001 of Title 18 of the United States Code and that station or any patent issued thereon.
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Inventor's Signature

9/5/03

Date